

19980410.qrp v01_n056.qrs.980410

Date: Fri, 10 Apr 1998 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1056

QRP-L Digest 1056

Topics covered in this issue include:

- 1) [7897] Minimizing Stray C
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 2) [7898] 3N201s AND...
by Mighty Mik <mitymik@hooked.net>
- 3) [7899] H40AA
by flydnq7x@primenet.com (Floyd Smithberg)
- 4) [7900] Electronic Construction Series
by "Marshall Emm" <mgemm@mtechnologies.com>
- 5) [7901] April "NWQ" Now On Line
by Bill Todd <bill@willapabay.org>
- 6) [7902] Alinco DJ-Sx1T mod
by Michael Maiorana <mikemo@ibm.net>
- 7) [7903] Re: Minimizing Stray C
by Monte Stark <ku7y@dri.edu>
- 8) [7904] Introduction and a Question
by Kevin Nathan <knathan@ibm.net>
- 9) [7905] Re: Introduction and a Question
by Mike Souhrada <wb9iog@revealed.net>
- 10) [7906] [Re-Send] Price of Mercury Paddle?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 11) [7907] WTB:SST for 40 Metres
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 12) [7908] Re: Alinco S11T at Tech America
by W7LS <w7ls@blarg.net>
- 13) [7909] \$149 ProTek scope?
by Paul Harden <na5n@rt66.com>
- 14) [7910] Dan's NW30
by n4js@pobox.com (John Sielke)
- 15) [7911] mecury paddle prices
by THE ONE AND ONLY <mitch96@pobox.com>
- 16) [7912] [Fwd: [CW] Mercury Again!] FYI
by Jess Gypin <jessqrp@concentric.net>
- 17) [7913] Sierra / KC2 owners, program your keyer WB9KZY software ?
by pmk@juno.com (Patrick M Kvitkauskas)
- 18) [7914] QRP Banquet Info
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 19) [7915] Re: Introduction and a Question

- by "John J. McDonough" <jjmcd@mdn.net>
- 20) [7916] Re: Introduction and a Question
by John Evans - N0HJ <jaevans@codenet.net>
- 21) [7917] Noise
by "Harry Hurst" <hhurst@delaware.infi.net>
- 22) [7918] Good DX
by "James R. Duffey" <ji3m@maxwell.com>
- 23) [7919] QRP DX - 4X50DS
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 24) [7920] Re: Some say 'Bands Dead'
by KB0VCC/1 <kb0vcc@rocketmail.com>
- 25) [7921] DC Receivers
by Tracy@bytemark.com (Tracy)
- 26) [7922] Re: FYBO
by Joe Gervais <vole@primenet.com>
- 27) [7923] RE: WOW -- Got HI -- that makes 50!!; and SST QRPTTF setup
by Bcieslak@ra.rockwell.com
- 28) [7924] RE: WOW -- Got HI -- that makes 50!!; and SST QRPTTF setup
by Kevin Muenzler--WB5RUE <wb5rue@stic.net>
- 29) [7925] FS: Yaesu FT-707 HF station, exc. cond.
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 30) [7926] Re: Minimizing Stray C
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 31) [7927] ProTek *\$249* scope/not \$149
by Paul Harden <na5n@rt66.com>
- 32) [7928] Re: DC Receivers
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 33) [7929] Re: DC Receivers
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 34) [7930] RE: WOW -- Got HI -- that makes 50!!; and SST QRPTTF setup
by Monte Stark <ku7y@dri.edu>
- 35) [7931] Re: DC Receivers
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 36) [7932] Re: DC Receivers
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 37) [7933] Re: DC Receivers
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 38) [7934] Last call for LED Keyer orders
by Steven Weber <kd1jv@moose.ncia.net>
- 39) [7935] Big Blue Quarterly (aka BBQ)!
by Monte Stark <ku7y@dri.edu>
- 40) [7936] QSL manager for ZK2CK
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 41) [7937] Re: RS Speaker Mic info
by Bill Howell <bhowell@mail.utexas.edu>
- 42) [7938] Plexi-glass covers ?
by "Steve Hurst" <shurst@magiclink.com>
- 43) [7939] 38S RIT mod

by Roger Hightower <n7kt@earthlink.net>
44) [7940] MY SW-40+ :)))
by Mighty Mik <mitymik@hooked.net>
45) [7941] Diode Capacitance and Oscillator Predictions
by KC5TJA <kc5tja@topaz.axisinternet.com>
46) [7942] Re: Plexi-glass covers ?
by "Fred Ringwald" <fred@innocent.com>
47) [7943] Number??
by RangerSF5 <RangerSF5@aol.com>
48) [7944] Re: MY SW-40+ :)))
by Roger Braker <msebrakr@telepath.com>
49) [7945] Re: Plexi-glass covers ?
by Bill Jones <kd7s@psnw.com>
50) [7946] Re: MY SW-40+ :)))
by Mike - W0TMW <crucis@sky.net>
51) [7947] 38s Deja vue
by Ed <edn4pk@VoyagerOnline.net>
52) [7948] Re: Plexi-glass covers ?
by Thom <thom@li.net>
53) [7949] HTML E-mail Format Fixed??
by "." <hapence@erols.com>
54) [7950] Re: HTML E-mail Format Fixed??
by KC5TJA <kc5tja@topaz.axisinternet.com>
55) [7951] Re: RS Speaker Mic info
by "S. Lee" <slee@u.washington.edu>
56) [7952] Re: Plexi-glass covers ?
by "John J. McDonough" <jjmcd@mdn.net>
57) [7953] Re: Plexi-glass covers ?
by "Michael A. Gipe" <mgipe@reliablemeters.com>
58) [7954] RE: Plexi-glass covers ? (one theory...)
by Conrad <radman@best.com>
59) [7955] Anybody taken ND for QRPTTF yet? - Sierra 10M Bugs
by Brent Alexenko <alexenko@prodigy.net>
60) [7956] AT-11 tuner kit questions
by K5BDZ <K5BDZ@aol.com>
61) [7957] Re: Plexi-glass covers ?
by Phil <k6ls@prolynx.com>

Date: Thu, 9 Apr 1998 16:27:51 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-1@Lehigh.EDU
Subject: [7897] Minimizing Stray C
Message-ID: <Pine.LNX.3.96.980409161830.17008A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a question which I feel I must address now.

When using an air-variable capacitor that is panel mounted, how does one minimize stray capacitance?

With the coils that I wound awhile ago, I know that they are 4.138uH in value. However, if I use the variable capacitor found in a 160-in-1 kit, the frequency output of a VFO based on my coil is between 5MHz and 9MHz, implying that it has a capacitance range roughly from 80pF to 160pF. Does this sound right?

(Interestingly enough, this may also explain why my latest VFO, the one based on the PNP transistors, also had a complete octave tuning range.)

Anyway, if I order the 5-75pF air variable from Dan's small parts, I'll have a tuning range from 9MHz to over 34MHz, assuming I can keep the output impedance just right across the whole tuning range on the VFO (about 90 ohms seems to be the best given the rest of the circuit values I posted in an earlier schematic). For fine tuning, I plan on using two NPN transistors, reverse biased, as varactors.

I guess the question I'm asking is: how do I minimize the stray C from extending the leads of the capacitor from the PC board to the front panel? I have the following solutions: maybe the list at large has others:

- 1) Place the VFO immediately next to the variable cap, thus keeping leads as short as possible, or
- 2) Extending the leads to the variable capacitor as needed, but make sure the coil is butted up against that cap as tightly as possible, thus minimizing lead lengths between the two tuning elements. The transistor acts only as an amplifier, so we can use shielded cabling, or twisted pair, to extend the L/C combo to the PC board.

Any further ideas? Thanks.

P.S.: I could care less whether or not I have a huge tuning range; I just want to be able to cover 12MHz to 16MHz. Thanks. :)

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=====
KC5TJA/6      |                -| TEAM DOLPHIN |-
DM13          |                Samuel A. Falvo II
QRP-L #1447   |                Chief Architect and Project Founder
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Date: Thu, 09 Apr 1998 16:47:24 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [7898] 3N201s AND...
Message-ID: <352D5E0C.DE68301F@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

i jusrt yanked a bunch of these, and some SK41s. I also have some pill
shapped ones that are marked '2369'.

Date: Thu, 9 Apr 1998 17:07:12 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@Lehigh.EDU
Subject: [7899] H40AA
Message-ID: <199804100007.RAA28959@smtp01.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

He's on 21024 now call up 6....589 sig. Easy Q w/5W.
72/73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=129

Date: Thu, 9 Apr 1998 19:12:59 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@Lehigh.EDU, cqc@mtechnologies.com
Subject: [7900] Electronic Construction Series
Message-ID: <199804100114.TAA11410@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

My article series "Electronic Construction from A to Z" subtitled
"Everything you wanted to know about building stuff but were afraid
to ask" is now available on the web site via:

<http://www.mtechnologies.com/new.htm>

It's a four part series originally published in "73" between November

1997 and February 1998, and is aimed primarily at the inexperienced kit builder, but with a few tips and tricks that may be of interest to the more experienced.

If you don't have access to the web, please DON'T ask me to e-mail it or mail you hardcopy. It's just too big and complicated. BUT-- you can get an "official" reprint from "73" by calling (800)274-7373.

At some stage I plan to revise it and maybe add another chapter including reader's suggestions, so please feel free to comment.

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382
--

Date: Thu, 09 Apr 1998 18:46:03 -0700
From: Bill Todd <bill@willapabay.org>
To: nwq-1@scn.org
Cc: qrp-1@Lehigh.EDU
Subject: [7901] April "NWQ" Now On Line
Message-ID: <1.5.4.32.19980410014603.006fd450@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings -

The April edition of the NorthWest QRP Club's "NWQ" Newsletter is now up on my web page. Look for the "simple html" version (i.e., without graphics, etc) on our NW QRP Club web site within a few days.
My personal web page is at: <http://www.willapabay.org/~bill>

In This Issue:

"The Swallows Return"
by our DX Editor, Ward Silver, N0AX

MFJ 90XX mods
by Paul Hardin, NA5N

"Adventures With Old Bugs"
by Jess Gypin, N0TFI

The "L" mobil antenna
by Stuart Rohre, K5KVH

"Lofers" Info
by Ray Colbert, W5XE

"Four Days In May" update
by Bob Gobrick, N0EB

Quaker Oats Crystal Set
>From the Crystal Set Society

SG2020 Product Review
by our Technical Editor, Stan, K7SY

I hope you enjoy it!
CUL, Bill, N7MFB
<http://www.willapabay.com/~bill>
ICQ me at #8926298

Date: Thu, 09 Apr 1998 22:27:33 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [7902] Alinco DJ-Sx1T mod
Message-ID: <352D8395.1F71@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got a bunch of requests for the wide receive mod on the alinco DJ-S series. Here is the url. The mod is the same for the DJ-S11 (I've done it).

<http://www.qrz.com/mods/djs41.txt>

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"There are flies and blue skies, and the just and the unjust
all walk side by side." KingsX

Date: Thu, 9 Apr 1998 20:00:43 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: KC5TJA <kc5tja@topaz.axisinternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7903] Re: Minimizing Stray C
Message-ID: <Pine.SOL.3.96.980409195754.4159B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi,

Welcome to the world of RF!! This is why all RF circuits have some
way to adjust them..... many little things happen to ruin the fine
job the math does!

Best to keep the leads short. The other problem you will have with
long leads is that the osc will not be stable. Vibration will cause
the wires to move and change the values.

I would try building the vfo on the big cap itself.

The closer you can get it the better it will be.

Read some of the old books dealing with tubes. What you see was
very common back then.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 09 Apr 1998 21:12:24 -0600
From: Kevin Nathan <knathan@ibm.net>
To: qrp-l@Lehigh.EDU

Subject: [7904] Introduction and a Question
Message-ID: <3.0.1.32.19980409211224.00699ed0@pop4.ibm.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello everyone,

My name is Kevin Nathan and I hold the call K7RX. I live in Boise, Idaho and have been a licensed ham for 30 years this September. Up to now, I haven't ventured into the realm of qrp but am wanting to learn more.

I also have a question I would like to address to this list concerning a specific need of mine. My family and I like to camp a great deal but I don't have a fancy RV with heavy duty batteries and generator so I need to find a radio which is easy on the battery on both receive and transmit. I have a Kenwood TS440SAT but this radio draws a good deal of current on receive which I think could probably be reduced some if one wasn't trying to use all the bells and whistles on the TS440. I also hesitate to drag this expensive radio out in the smoke, dirt and confusion of a camp site.

I remember about twenty years ago hearing of a radio put out by Yaesu called the FT7 which ran side band and CW with about twenty watts or so. Can anyone give me any more info on this rig? Or, do you have any other recommendations on something which might be mid range in terms of power but yet easy on batteries and, most important, inexpensive?

I would really appreciate any feedback you can give me and look forward to your emails on this matter. Thanks in advance for your assistance and 73.
Kevin nathan

Date: Thu, 09 Apr 1998 22:32:18 -0500
From: Mike Souhrada <wb9iog@revealed.net>
To: knathan@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7905] Re: Introduction and a Question
Message-ID: <352D92C2.18AC@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin Nathan wrote:

>
> Hello everyone,
>
> My name is Kevin Nathan and I hold the call K7RX. I live in Boise, Idaho

> and have been a licensed ham for 30 years this September. Up to now, I
> haven't ventured into the realm of qrp but am wanting to learn more.
>
> I also have a question I would like to address to this list concerning a
> specific need of mine. My family and I like to camp a great deal but I
> don't have a fancy RV with heavy duty batteries and generator so I need to
> find a radio which is easy on the battery on both receive and transmit. I
>
> I remember about twenty years ago hearing of a radio put out by Yaesu
> called the FT7 which ran side band and CW with about twenty watts or so.
> Can anyone give me any more info on this rig? Or, do you have any other
> recommendations on something which might be mid range in terms of power but
> yet easy on batteries and, most important, inexpensive?
>
> I would really appreciate any feedback you can give me and look forward to
> your emails on this matter. Thanks in advance for your assistance and 73.
> Kevin nathan

Kevin

I remember that Yaesu-seen possibly one or two at hamfests in many
years. Know nothing about it's performance.

However, I suggest you take a hard look at the Tentec Scout model
555. Not QRP but can go down to 5 watts and have 40 watts out when
you need it. Very small rig compared to others of that type.

Really designed for a small mobile or RV application.

Mike

Le Claire, Ia

Dec 93 QST has a review.

Date: Thu, 9 Apr 1998 23:30:09 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [7906] [Re-Send] Price of Mercury Paddle?
Message-ID: <199804092333_MC2-397D-1FD6@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Anyone know what an original Mercury is going for? Have heard they are
great paddles, etc. Getting interested :-). Please let me know. Thanks
in advance and Happy Easter, everyone.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

P.S. Tried sending this earlier. Believe it was totally rejected by internet, but we'll see. Hope this one makes it.

Date: Fri, 10 Apr 1998 00:00:35 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [7907] WTB:SST for 40 Metres
Message-ID: <199804100003_MC2-397B-A9EE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Looking for fully assembled SST for 40 Metre band. Anyone have one you will part with? Also very much interested in SST rigs for other bands...but sure hope to find one for 40 Metres.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Thu, 09 Apr 1998 20:04:06 -0700
From: W7LS <w7ls@blarg.net>
To: henryf@quartz.gly.fsu.edu
Cc: qrp-l@Lehigh.EDU
Subject: [7908] Re: Alinco S11T at Tech America
Message-ID: <352D8C26.6FD4@blarg.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I must be confused, here. I own a 'credit card' Alinco, and it is not anything like the \$88 wonder that people are talking about. My rig is about 3/8" thick and could easily be mistaken for a pile of about 5 or 6 Visa cards. I think it is called a 'C1' or something. I'll look it up. Cost \$180 at HRO and discounted to \$160 at hamfests. It receives AM aircraft and fm up to 174 MHz. Really cute radio. Works great.

73 de Jim, W7LS

Henry Freedenberg wrote:

>
> Tech America has the small Alinco xcvr listed for \$88. Does anyone know
> if the receive section can be opened up? The predecessor "credit card"
> radio (DJ-C1T?) is being closed out for \$99. The old radio has wide
> band receive. The Alinco web site does not claim anything other than 2M
> receive for the newer model.
>
> Tnx.
>
> Henry

Date: Fri, 10 Apr 1998 02:20:43 -0600 (MDT)
From: Paul Harden <na5n@rt66.com>
To: qrp-1@Lehigh.EDU
Subject: [7909] \$149 ProTek scope?
Message-ID: <Pine.SUN.3.96.980410020518.27099F-100000@mack.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've gotten a bunch of email inquiring about certain aspects of the ProTek scope that was offered for \$149. I broke down on March 31st and ordered one (last day of the sale), but haven't received it yet. It appears a fair number of QRP-Ler got one (or awaiting for one).

If you got one, please let me know by private email. If there is enough interest, I'll run mine through the test bench and check for accuracy, write up some hints on using the dual-trace, ADD mode, the signal tracer, etc., plus tear mine open and find the internal adjustments from the schematic and describe where they are, what they do, how to adjust them, etc. Evidently a schematic is provided with the

manual, but it is otherwise rather weak in describing things. So if enough of you got one, I'll prepare some info and post to QRP-L specific to this scope and part of the Elmer thing.

72, Paul NA5N

PS - I will be receiving my 20th year of service thing at the observatory at our awards dinner next weekend. Part of the invitation was for me to pick out a gift valued around \$200. It was a no-brainer for getting the scope, but I'm still trying to explain it to our personnel director. Evidently, the observatory director presents you with your gift (you know, a watch, pocket knife or whatever those boring non-hams get) ... and she's trying to figure out how the director is gonna haul out an oscscope to present to me at the dinner :-)

Don't you just love it when you can rock the boat and throw a wrench into these formal things? Seriously though, it will be a meaningful gift, and far more useful than another damn watch! I'll think of the observatory *and* my friends on QRP-L everytime I use it.

72, Paul NA5N/XE (practicing for QRP TTF)

Date: Fri, 10 Apr 1998 08:28:34 GMT
From: n4js@pobox.com (John Sielke)
To: qrp-l@Lehigh.EDU
Subject: [7910] Dan's NW30
Message-ID: <352ed73d.23601942@mail.cyberenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

=46inally got around to finishing up the NW30 I got in Dan's end of year sale. Once again, this list was a big help, tipping me off to the problems, which I was able to solve before they occurred. Got the sidetone with filter on toned down nicely with a .1 on the input to the filter. Thanks to my meeting with one of the EPA clubs guys who had built one, I was able to fix the error in the board. Receiver is very hot. I am going to put it in the box shortly, and use it for 1998 WIMPS, mostly from portable/marine mobile.

=20
/_\ /_\ /_\ /_\ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
_/ _/ _/ _/ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86

G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Fri, 10 Apr 1998 05:52:25 -0400
From: THE ONE AND ONLY <mitch96@pobox.com>
To: Qrp-1@Lehigh.EDU
Cc: rich stamile <kg2ed@aol.com>
Subject: [7911] mecury paddle prices
Message-ID: <352DEBD9.5D47@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Subject: [Re-Send] Price of Mercury Paddle?
Date: Thu, 9 Apr 1998 23:30:09 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Gang:

Anyone know what an original Mercury is going for? Have heard they are great paddles, etc. Getting interested :-). Please let me know. Thanks in advance and Happy Easter, everyone.

72/73

Doc Lindsey/K0EVZ Rochester, MN-

Hi Doc,

as of this date i dont know of anyone who will part with and merc. paddle for any price. I work with a MD/ham who got one when he was a resident in NYC a thousand years ago. he traveled out to freeport, long island to see this "great"key this machinist was making. he told me he paid a few hundred for it back then. when asked how much silver would be needed to part with it, he said no way!

FYI, i have a friend of mine who is a xlnr metalsmith. he got a hold of a merc, and is reproducing it. he tells me the cost is in the materials. the brass base is about 40 bucks unfinished. very expensive bearings on the arms,etc. Not to hard to build (for him!!), just lots of parts. When it is finished, will do a comparison. Mabe send it to Chuck k5fo for a eval???

Mitch, Ww4mL
Eschew Obfuscation!

Date: Fri, 10 Apr 1998 06:04:42 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [7912] [Fwd: [CW] Mercury Again!] FYI
Message-ID: <352E0ADA.418626CC@concentric.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----F326F5DE4A5013E5443C144C"

This is a multi-part message in MIME format.

-----F326F5DE4A5013E5443C144C
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FYI for those that are intersted.

--

Jess N0TFI <><
<http://www.concentric.net/~jessqrp> Personal Home page
<http://qsl.net/N0TFI/bug.html> Bug Stories

-----F326F5DE4A5013E5443C144C

Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

>Return-Path: <owner-cw@ns3.qth.net>
Received: from ns3.qth.net (NS3.QTH.net [209.60.242.87])
by buckpalace.concentric.net (8.8.8/(97/11/17 5.13))
id SAA26472; Thu, 9 Apr 1998 18:20:27 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <owner-cw@ns3.qth.net>
Received: (from majordom@localhost)
by ns3.qth.net (8.8.7/8.8.7) id QAA25904
for cw-outgoing; Thu, 9 Apr 1998 16:56:12 -0400
X-Authentication-Warning: ns3.qth.net: majordom set sender to owner-cw@qth.net
using -f
Received: from mtigwc04.worldnet.att.net (mtigwc04.worldnet.att.net
[204.127.131.33])
by ns3.qth.net (8.8.7/8.8.7) with ESMTP id QAA25900
for <cw@qth.net>; Thu, 9 Apr 1998 16:56:08 -0400
Received: from steve.att.net ([12.64.39.239]) by mtigwc04.worldnet.att.net
(post.office MTA v2.0 0613) with SMTP id AAA12416;
Thu, 9 Apr 1998 21:50:15 +0000
From: "Steve Massey" <N6TT@worldnet.att.net>
To: "Steve Massey" <N6TT@worldnet.att.net>, "Joekey" <joekey@aol.com>,
<cw@qth.net>
Cc: "Jim N2GHD" <wireless@pce.net>, "Larry Nutting K7KSW" <larryn@sonic.net>,

"K5HT" <k5ht@juno.com>, "Tentec" <tentec@contesting.com>
Subject: [CW] Mercury Again!
Date: Thu, 9 Apr 1998 22:50:28 -0700
Message-ID: <01bd6444\$90de8da0\$1949400c@steve.att.net>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_01FB_01BD6409.EFA20D20"
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 4.71.1712.3
X-MimeOLE: Produced By Microsoft MimeOLE V4.71.1712.3
Sender: owner-cw@qth.net
Precedence: bulk

- - - - - >>> the CW reflector <<< - - - - -

This is a multi-part message in MIME format.

-----_NextPart_000_01FB_01BD6409.EFA20D20
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

FYI :

Well after one year of searching , putting in Ads in Keynotes, TVC, =
etc. (including the scam from a post here on the reflector from "A =
sender" who was taking bids on a Mercury a few months ago), I found and =
am the owner of Mercury paddle number 231 mfg April 1992. I am waiting =
for it to arrive now and hope to be able to give a report on it =
shortly....Being a collector and owning and using most paddles =
manufactured in the last 45 years, I must say the Mercury's will have to =
go some to beat out my WBL's ----

I went so far as too contacting C.Henry VA3CH (who was trying to find a =
buyer for the assets/copyrights of the Mercury biz) and Mrs Nurkiewicz , =
Steve's wife to purchase the company...

Well Im happy to report that Bencher Inc. has purchased the company and =
will be offering the Mercury Paddles shortly. Bencher will utilize =
serial numbers greater than 1000 as a demarcation separating those made =
by Steve (N2DAN)...

I have been in contact with Bencher this morning, They are not sure of =
the pricing of the paddles, or time frame. I have placed an order with =
Bencher and will be receiving the first set of "Mercury" paddles put =
out by Bencher :-)

I don't know what effect this will have on the prices of the original =
paddles made by Steve but expect they won't bring in the outrageous =
prices that folks have been asking for them :-) Who knows I may just =
sell my original now. These guys who have said they wouldn't sell even =
in the high 4 digit price range won't have to worry or hold there breath =
, I don't think the line is going to be very long with guys wanting to =
buy them... Just my oppion!

73, Steve N6TT

<http://www.telegraph-wireless.com>

Call Toll Free 877-BUYKEYS

877-2895397 =20

-----=_NextPart_000_01FB_01BD6409.EFA20D20

Content-Type: text/html;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">

<HTML>

<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =

http-equiv=3DContent-Type>

<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>

</HEAD>

<BODY bgColor=3D#ffffff>

<DIV>FYI :</DIV>

<DIV> </DIV>

<DIV>Well after one year of searching , =
putting in=20

Ads in Keynotes, TVC, etc. (including the scam from a post =
here on=20

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paddles=20

manufactured in the last 45 years, I must say the Mercury's will have to =
go some=20

to beat out my WBL's ----</DIV>

<DIV> </DIV>

<DIV>I went so far as too contacting C.Henry VA3CH (who was =
trying to=20

find a buyer for the assets/copyrights of the Mercury biz) and Mrs =

< * * * * * THE CW REFLECTOR * * * * * >
__Subscribe To: Majordomo@qth.net with Body: subscribe cw
__Unsubscribe To: Majordomo@qth.net with Body: unsubscribe cw
__To post, send to cw@qth.net please, CW issues only
__For digest version, Subscribe to cw-digest through majordomo@qth.net
__For archives of postings, see web page <http://www.qth.net/cw-digest.archive>
__To contact list owner, email to owner-cw@qth.net

-----F326F5DE4A5013E5443C144C--

Date: Fri, 10 Apr 1998 12:06:48 +0100
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-1@Lehigh.EDU, jacksonharbor@worldnet.att.net
Subject: [7913] Sierra / KC2 owners, program your keyer WB9KZY software ?
Message-ID: <19980410.120649.8822.0.pmk@juno.com>

I someone has a simple way to program there KC-2 keyer it would be nice to know ?

Just got done with programming my KC-2 with the WB9KZY program. Had to put in addresses foe EOM and RW. Wasn't to bad figuring it out.

I haven't changed anything on the interface but did pick off the collector of Q4. Just soldered a 820k resistor on the top side of the board for the signal return or sidtone output of the KZY keyer.

I used a colon (:) for the EOM and a less than (<) for RW
Just put these lines in with a editor if you have the program.

```
a(58, 1) = &H7C ' : (eom)  
a(60, 1) = &H4F ' < (rw)
```

```
a(58, 2) = 6 ' : (eom)      6  
a(60, 2) = 6 ' < (rw)      6
```

Put them in there respective places. I put them in numeric order and don't know if it would matter or not so I did it anyway.

Just got off the phone with Chuck Olson WB9KZY who graciously helped me the first time and said it would be no problem sharing the program.

He will be setting up a web site soon to download the software. He said he didn't mind if I shared it with others on the list so if you are interested send me a note which way you would like it (basic or compiled(.EXE)) .

Have fun es 72/73
de Patrick KD4OBQ

AR

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 10 Apr 1998 09:20:10 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [7914] QRP Banquet Info
Message-ID: <Pine.LNX.3.95.980410091524.26471B-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Latest tally of attendees: 152 (with still a month to go!)
Latest tally of prize donors: 31 (yes, 31!)

All of the registered attendees and prize donors are listed at my web site. A menu will be posted there shortly.

Some of the door prizes represent some really, really cool stuff!

Of course, you'll have to be there to win...

Tickets are \$22 each, payable to QRP ARCI. Featured speaker is QRP Hall of Famer Ade Weiss, W0RSP, and we're talking a sizable buffet here...

Scott Rosenfeld NF3I
4015 Sparrow House Lane
Burtonsville, MD 20866-1333

If interested in donating a prize, contact me. Hope to see you there!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Fri, 10 Apr 1998 08:31:53 -0400
From: "John J. McDonough" <jjmcd@mdn.net>
To: <knathan@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [7915] Re: Introduction and a Question
Message-ID: <199804101333.5310400@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Kevin Nathan <knathan@ibm.net>; owner-qrp-l@Lehigh.EDU

> don't have a fancy RV with heavy duty batteries and generator so I need
to
> find a radio which is easy on the battery on both receive and transmit.
I

Kevin,

A *LOT* of the radios talked about on this list fit into that category of
light on power. Lots and lots of folks on this list like to drag a rig out
in the woods, often backpacking, so weight is a prime concern.

A lot of these right aren't 'medium' power, tho. Most tend to be in the
2-5 watt range. But I wouldn't let the low power turn you away. As far as
I can tell, the difference between 5 watts and 100 is only visible in a
pileup, or in the frequencies below 40 meters. With the sunspots turning
up, 20 and up are going to be where the fun is, and on these bands, power
doesn't make a whit of difference.

You also didn't mention whether you are a phone or CW guy. Most of the
rigs folks talked about here tend to be CW because they are 1) effective
with low power, 2) simple, and 3) cheap. The popular rigs seem to be from
Wilderness and Oak Hills, which tend to be in the \$100 neighborhood as a
kit. The Scout Mike mentioned is more in the 'middle' power range, but
also a tad pricey compared to what a lot of folks here like.

Not that folks here are all cheap (well, then again....). There are lots
of Icoms and Kenwoods represented here, but these rigs tend to be expensive
not only in dollars, but also in power consumption, which is an issue if
you want to get many hours of operation off a battery you can carry with

Date: Fri, 10 Apr 1998 09:59:58 -0400
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: <qrp-1@Lehigh.EDU>
Subject: [7917] Noise
Message-ID: <199804101353.JAA09557@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my post.

I have to take back a lot of bad things I said about the 40 meter Ramsey Mini-Receiver. I finally put a good ground on the the rig and plugged the output into the Line Input-instead of Mic Input on the Radio Shack Speaker Amp. The difference in noise level was dramatic. The radio is now quiet, and has plenty of gain. It's working well enough that I have copied some QRP stations.

Yup, AM detection is still a problem. The quick solution was to add a wave trap to null out the worst offenders.

Does at least some the AM detection in these NE602-LM386 radios come from the 386?

I have a few more mods to make on this receiver. The main one is an active filter between the 602 & 386. Since the noise problem is solved to my satisfaction for now, I'll try a LM741, mainly because it's cheap. Then I'll see about adding a separate vfo, then maybe a tuna-tin 2 sans the tuna tin...hmmm...

Got the code speed up to 13 wpm this week, figured out how to get a 40 meter antenna up on my 50 x 100 ft estate, and the hamfest season is just starting! By Labor Day, I will be ready to to put Delaware on the QRP map in a "Small Wonder" way, of course.

Damn, this is more fun than a table full of Rice Boxes. Yeah, I know I'm a minimalist slob, but it's fun!

Recently, I wrote:

"I built one of those Ramsey mini-receivers to get started. Yup, that LM386 is as noisy as a Heathkit Twoer! Yup, it drifts all over the band too.

But, it was cheap, arrived in two days, and was working after a fashion, in an hour.

So far, I have mounted the board in an old printer switch box, and got the tuning range down to 7000 - 7090. The drift isn't too bad after the rig is on for a minute or so. Added an output transformer on the 386, and feed the hi-z output to a speaker amp."

[deleted]

QRP Rules!
Amateur Radio - WA3PTG
QRP-L #1464
Wilmington DE

Date: Fri, 10 Apr 1998 08:33:04 -0600
From: "James R. Duffey" <ji3m@maxwell.com>
To: qrp-l@Lehigh.EDU
Subject: [7918] Good DX
Message-ID: <v03007814b153dbb0b246@[192.31.66.158]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The solar flux is helping. Last night was good on 30 M. I worked F5UKL, Andre at about 0245 Z and Mary, KL7JEF, a bit later. Not strong signals, but they came back to my first call. All on 5W to my squashed loop up at 35 ft. I heard a VK4 calling at 28.06 about 0000Z, but could not raise him. There were several pileups on the low end of 12 M, but I could not crack them either. I need to work on my high band antennas a bit I guess.

The bands are nice; get on and take a swing at some DX! - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65 <jamesd1@flash.net>
30 Casa Loma Road
Cedar Crest NM 87008

Date: Fri, 10 Apr 1998 11:50:01 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>

Cc: eax@w3eax.umd.edu
Subject: [7919] QRP DX - 4X50DS
Message-ID: <Pine.LNX.3.95.980410113224.27436A-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

WA8MCQ, W6TOY, and I gave a 1 hour talk last night at the Historic Electronics Museum in Linthicum, MD.

For those of you NOT in the Baltimore area, if you ever get out this way, it's about a 3 minute drive from BWI airport and contains an awful lot of displays on military and commercial electronics through the ages.

There's a torpedo on the museum's front lawn.

Anyway, I drove KC2AEI back to the UMBC campus, about 5 miles away. He ran into his apartment to get something for me, and shortly after he came back outside, I FINALLY (after maybe 15 other QS0s had taken place) broke through the 4X50DS 20m pileup! Fists pumpin' in the air, beatin' my hands on the dashboard, etc.

And you know what? I wasn't in this situation this time...but even if I'm the last person worked before the pileup dissipates, the QS0 is still good!

i.e. "I'll take it."

Damn, that felt good...to put into practice (again) what you'd just spoken about...

(4X50 is the special prefix for Israel ARC's 50th anniversary)

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Fri, 10 Apr 1998 08:40:42 -0700 (PDT)
From: KB0VCC/1 <kb0vcc@rocketmail.com>
To: qrp-l@Lehigh.EDU
Subject: [7920] Re: Some say 'Bands Dead'
Message-ID: <19980410154042.14772.rocketmail@web1.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

>Gee, 4 watts (on 30m), and 2.5 watts on 15 and 17 meters, with a dipole
>out back, behind the condo might prove to be to much of a station for
>QRP... Maybe we should limit QRP to .95 watts and 25 foot of wire.

You said it Joel! In prep for QRPTTF, I tuned up the
40m OHR-100 rig last night. Dropped down to around
7020 and heard UY5RT calling CQ DX between some Russian
BC carriers. Nobody else answered, so I did at 4.5w
into my HB dipole at 40+'. He gave me a 359, and I him
a 339 w/QRM. After signing off, I couldn't help but feel
guilty that I had run S0ooo much power. I'm thinking
that as the solar flux increases, I should decrease my
power. If I get as much as a 339 from a DX contact,
I'm happy. Anything over that and I'm running excessive
power. Time to dust off the 49er again...

72

-Dale

```
=====
Dale Anderson           In the Mt Washington Valley
KB0VCC                 Conway, New Hampshire
QRP-L #91 / CQC #251   Grid Sq: FN43KX
ARS #234 / FISTS #3172 http://www.qsl.net/kb0vcc
=====
```

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 10 Apr 1998 12:03:54 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [7921] DC Receivers
Message-ID: <01BD647A.E2C83040.tracy@bytemark.com>

I keep reading about various receivers made with the NE602. I've tried two
different designs myself and both times the poor little rig crumbled when I
attached it to a full sized antenna on 40m.

Using the same front-end filter, any of the receivers I've built using the diode-ring mixers seem to have better signal handling capability and still have enough sensitivity to hear weak signals.

Has anyone built a detector using some of the new stuff available from the high-tech IC manufacturers?

Tracy, N4LGH #1453

Date: Fri, 10 Apr 1998 09:14:34 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: cla@mcg.net
Cc: qrp-l@Lehigh.EDU
Subject: [7922] Re: FYBO
Message-ID: <199804101614.JAA11775@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Howdy Claton,

(Hope you don't mind if I forward this to QRP-L...)

> Have the FYBO results been posted? Did I miss them?

Nope and nope. :-)) I was supposed to have them out a few weeks ago, but things fell apart at work. My wife's going to be out of town all next week though and I'll be home with the kids, so I'll have plenty of time during the night to get it all taken care of.

Sorry for the delays. Results to follow within a week! In the meantime, if any more of you have pictures of your FYBO operations and don't mind them being put on the Web, please send 'em my way! (I can scan 'em in.) Or send me a URL where I can link to them/your site. Thanks for your patience, folks!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."

- Dave Rose, Fellow Snow Camper

Date: Fri, 10 Apr 1998 08:21:54 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-1@Lehigh.EDU
Subject: [7923] RE: WOW -- Got HI -- that makes 50!!; and SST QRPTTF setup
Message-ID: <862565E2.004911A2.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

I'm not sure but I think HI counts as Oceania for WAC and it is also considered another DXCC country so make sure you tally those up too.

As I recall.... and others on the list can correct me...but its a tradition that when you earn QRP WAS you have to send a donut to evryone on the list in celebration.....
or was that QRP DXCC.

Any way congratuations.

Brian AE9K

Date: Fri, 10 Apr 1998 11:39:36 -0500
From: Kevin Muenzler--WB5RUE <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7924] RE: WOW -- Got HI -- that makes 50!!; and SST QRPTTF setup
Message-ID: <01BD6475.5759DC20@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Bcieslak@ra.rockwell.com, Bcieslak@ra.rockwell.com wrote:

>
> I'm not sure but I think HI counts as Oceania for WAC and it is also
> considered another DXCC country so make sure you tally those up too.
> <snip>

> Any way congratulations.
>
> Brian AE9K
>
>
>
>

When I got my WAC many years ago HI was considered part of Oceania.
It is also, as Brian said, "another country."

Kevin, WB5RUE
wb5rue@stic.net
<http://www.qsl.net/wb5rue>

Date: Fri, 10 Apr 1998 13:54:53 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [7925] FS: Yaesu FT-707 HF station, exc. cond.
Message-ID: <Pine.LNX.3.95.980410134824.28333E-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have to get rid of this...as some of you might know, my wife and I are getting divorced (amicably, fortunately) but her father has asked me to get rid of his ham gear for him.

He was going to get his ticket in order to talk to us, but the interest has waned in the past few years.

I know the equipment well - I picked it out at Dayton four years ago, bargained for it, slugged through the mud with it, and even made a few Qs with it.

Covers 80-10m w/WARC, 0-100 watts out, CW filter, digital display, good rx. Excellent condition with hand mic, manual, and original box. \$400.

Or, if you prefer...

FT-707 with external matching 20 amp power supply and matching antenna tuner, all in superb condition, for \$550.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Fri, 10 Apr 1998 09:53:02 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7926] Re: Minimizing Stray C
Message-ID: <Pine.LNX.3.96.980410094040.31444C-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 9 Apr 1998, Monte Stark wrote:

This is an opportune time to update the folks on QRP-L on my adventures in making a good, general-purpose VFO circuit/unit.

> Welcome to the world of RF!! This is why all RF circuits have some
> way to adjust them..... many little things happen to ruin the fine
> job the math does!

Actually, to be honest, my VFO exhibits no noticable hand capacitance. :)
Of course, I don't have the resolution in my frequency read-out to read
0 to 999Hz, so I'm sure that by moving my hand, I'm affecting the circuit
about 250Hz or 500Hz. Still, I'd say that's pretty dang good for an
open-air circuit. :) When they said that series-tuned Colpitts is more
stable than most other oscillators, they meant it I guess.

> Best to keep the leads short. The other problem you will have with
> long leads is that the osc will not be stable. Vibration will cause
> the wires to move and change the values.

Right now, I have leads that are about four inches long, due to the
proximity of the components on the 160-in-1 kit. The waveforms that the
oscillator produces are darn near pristine! :)

> I would try building the vfo on the big cap itself.

An interesting concept -- I'll have to plan this out. I seem to recall
reading that building the VFO on the cap itself also reduces back-lash,
which is omnipresent in other hardware construction techniques.

> Read some of the old books dealing with tubes. What you see was

> very common back then.

Good. This means that I'm on the right track as far as my self-education goes. Folks, this is the reason I started with such an ambitious project (a dedicated, reasonably high-quality VFO unit in its own box). Start simple. But it certainly was NOT simple the first time. I had gone through two years of hacking away at this, and recently (and inadvertently) made a receiver that really shouldn't have even worked (weird).

Now, with the resources on this list, I have a working VFO, a working RF amplifier for it (wide band), driving a 74HCT00 chip (hehe...no need for a schmitt trigger it seems), producing beautiful 5V square waves with nary a glitch nor noise spike. The only problem is that the output isn't a pure 50% waveform, so when driving a mixer, you'll get all sorts of unwanted affects. So, my next project is to hook it to a 74HCT74, thus dividing the VFO frequency by two, but also giving me perfect 50% duty-cycle waveforms, with perfectly clean output, and excellent drive capability for switching mixers.

Before I put the chip in, though, I noticed that the RF amplifier was putting out almost 10Vpp of signal. I couldn't have this, not with a 5V supply, so I adjusted the oscillator's bias to produce at most 4.5Vpp. Suprisingly enough, the circuit works from 1.7MHz to 2.7MHz.

I promised Ed that I'd have a graphical schematic of the circuit I ultimately want; however, if this keeps up, I'll finish the darn thing before I get a chance to. :)

I'll let everyone know where the schematic is, once I transcribe it to the computer. Please be patient. :)

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      Chief Architect and Project Founder
```

Date: Fri, 10 Apr 1998 11:06:29 -0600 (MDT)
From: Paul Harden <na5n@rt66.com>
To: qrp-l@Lehigh.EDU
Subject: [7927] ProTek *\$249* scope/not \$149
Message-ID: <Pine.SUN.3.96.980410110422.26699C-100000@mack.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Date: Fri, 10 Apr 1998 10:07:57 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7929] Re: DC Receivers
Message-ID: <Pine.LNX.3.96.980410100518.31444F-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 10 Apr 1998, KC5TJA wrote:

> If I can get my hands on some JFETs at an affordable price (say, a couple
> of cents each in quantities of 10 or more), I may even make a MOS
> commutation mixer. Heard some very good things about those types of
> mixers in the ARRL Handbook (they use MOSFETs though).

Funny having to reply to myself but...

What I meant to write was FET commutation mixer, not MOS commutation
mixer. :)

I don't think it matters one way or the other what kind of FET you're
using... :-)

I may also use a 74HCT4066 for this purpose, since it has pretty much what
I'm looking for (at least for receive), since it's basically a FET array.
But I'd rather use four separate JFETs because external components tend to
have better signal handling characteristics.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      Chief Architect and Project Founder
```

Date: Fri, 10 Apr 1998 10:23:08 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Bcieslak@ra.rockwell.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7930] RE: WOW -- Got HI -- that makes 50!!; and SST QRPTTF setup
Message-ID: <Pine.SOL.3.96.980410102154.6651E-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 10 Apr 1998 Bcieslak@ra.rockwell.com wrote:

> that when you earn QRP WAS you have to send a donut to evryone on the list
> in celebration..... or was that QRP DXCC.
>

It's donuts for QRP WAS. QRP DXCC is the Steak Dinners!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 10 Apr 1998 18:33:18 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: kc5tja@topaz.axisinternet.com, qrp-l@Lehigh.EDU
Subject: [7931] Re: DC Receivers
Message-ID: <199804101747.NAA10655@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I just got Rad Com in the mail today from the RSGB. There is a super column in there called Tecnical Topics. One of the sections this month was on the use of a 74HC4066 as a mixer. Let me know if you would like a copy...

> On Fri, 10 Apr 1998, KC5TJA wrote:

>
> > If I can get my hands on some JFETs at an affordable price (say, a couple
> > of cents each in quantities of 10 or more), I may even make a MOS
> > commutation mixer. Heard some very good things about those types of
> > mixers in the ARRL Handbook (they use MOSFETs though).
>

> Funny having to reply to myself but...

>
> What I meant to write was FET commutation mixer, not MOS commutation
> mixer. :)

>
> I don't think it matters one way or the other what kind of FET you're
> using... :-)
>

> I may also use a 74HCT4066 for this purpose, since it has pretty much what
> I'm looking for (at least for receive), since it's basically a FET array.
> But I'd rather use four separate JFETs because external components tend to
> have better signal handling characteristics.

>

> =====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		Chief Architect and Project Founder

>

>

>

>

73 - Bill - N8ET

Kanga US

kanga@mail.bright.net

<http://www.bright.net/~kanga/>

419-423-4604

Date: Fri, 10 Apr 1998 10:43:34 -0700 (PDT)

From: KC5TJA <kc5tja@topaz.axisinternet.com>

To: Bill Kelsey - N8ET - Kanga US <kanga@bright.net>

Cc: qrp-l@Lehigh.EDU

Subject: [7932] Re: DC Receivers

Message-ID: <Pine.LNX.3.96.980410104106.4130A-100000@topaz.axisinternet.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 10 Apr 1998, Bill Kelsey - N8ET - Kanga US wrote:

> I just got Rad Com in the mail today from the RSGB. There is a super
> column in there called Technical Topics. One of the sections this
> month was on the use of a 74HC4066 as a mixer. Let me know if you
> would like a copy...

If it wouldn't be of too much expense, that would be great. There's
little information on the use of that chip as a mixer in the references I
have, except that when looking at the schematics, each "bilateral switch"
really is only a single MOSFET with a bunch of diodes and capacitors
hooked to the gates. :)

Thanks for the offer -- it's greatly appreciated.

=====

KC5TJA/6		- TEAM DOLPHIN -
----------	--	--------------------

DM13 |
QRP-L #1447 |

Samuel A. Falvo II
Chief Architect and Project Founder

Date: Fri, 10 Apr 1998 18:46:33 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@Lehigh.EDU
Subject: [7933] Re: DC Receivers
Message-ID: <199804101800.0AA15673@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I'll take it into town with me and get a copy or two made if the place is open today

is the address in QRZ.com ok?/ or just e-mail me the address.

mni tnx!
73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Fri, 10 Apr 1998 13:23:51
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [7934] Last call for LED Keyer orders
Message-ID: <3.0.3.16.19980410132351.2b0f5a22@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy all,

With over 60 firm orders for the new keyer, chances are good most everyone who wants a new keyer has already spoken up, but just in case this is just sinking in, we'll give you one more shot. I'll be ordering parts Monday and since I do "limited edition" kits, this keyer may not be offered again.

To reveiw, this keyer has some fairly unique features.

8-35 wpm in 1 wpm steps, speed knob selected.

Dot and dash memory

Iambic like operation (alternating dots and dashes with both paddles closed, start with a dot or dash, depending on which paddle closed first)

Two digit LED display (0.4" digits) shows code speed. (only on when selecting speed)

1 message memory, with huge 88 character storage. Display is used as a timing aid for entering message and has back space for correcting keying mistakes.

Unique "training mode" for an aid in learning proper inter-character and word spacing. Display blinks "--" after an inter-character pause and "SP" after a word space pause. This mode can be turned on and off.

Opto isolated keying output

Runs on two "AA" batteries, with auto shut off. (Dash paddle turns it back on) pc board will be silk screened and solder masked. (2.3" x 1.6")

Complete board kit with jacks, push buttons, encoder, battery holder

Batteries not included. (also not included, knob, box, mounting hardware)

Price \$25.00 + \$5.00 S+H

Delivery in about 4 weeks, clock starts Monday

Please order by email and will reply with my address.

Thanks for the BW and making another "QRP-L special" kit possible.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Fri, 10 Apr 1998 11:39:35 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [7935] Big Blue Quarterly (aka BBQ)!

Message-ID: <Pine.SOL.3.96.980410113603.7042C-100000@vortex>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been getting messages from people that have received their April issue of the Quarterly.

Which means that at least some of the mules are still alive down at the Post Office!

So keep the faith, they should arrive in YOUR mail box any time now..... :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 10 Apr 1998 11:43:17 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [7936] QSL manager for ZK2CK
Message-ID: <01bd64b0\$86adf110\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Having exhausted my usual ways of getting QSL routes with no success, I appeal to the DX experts on the list.

Where do I send QSLs for ZK2CK?

Mike K1MG

Date: Fri, 10 Apr 1998 14:56:26 -0400
From: Bill Howell <bhowell@mail.utexas.edu>
To: bmug@gwl.com
Cc: qrp-l@Lehigh.EDU
Subject: [7937] Re: RS Speaker Mic info
Message-ID: <199804101856.0AA08868@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Part# is 19-310.

Your local RS can call their national office
and get info on which stores in your area still have stock....
this is what I did.
otherwise, you have to call individual stores yourself.

Bill Howell
University of Texas at Austin
College of Fine Arts
Electronic Maintenance
N5ALO QRP-L #415

Date: Fri, 10 Apr 1998 13:17:38 -0600
From: "Steve Hurst" <shurst@magiclink.com>
To: <qrp-l@Lehigh.EDU>
Subject: [7938] Plexi-glass covers ?
Message-ID: <199804101912.PAA30936@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello QRP gang,

Does anyone know where I might find a plexi-glass cover for my Bencher
paddle? Seems to me someone was manufacturing and selling these at one
time. Thanks in advance for the information !!

P.S. What's the scoop on the new secret NorCal kit / project ?? Anyone
wanna spill the beans ?? I'm pulling my hair out waiting !!!!!!!!!!!!! And
it's killing me !!!!!!!!!!!

73,
Steve Hurst
KA7NOC (southern Idaho)
<http://www.magiclink.com/web/shurst>
shurst@magiclink.com

Date: Fri, 10 Apr 1998 12:15:04 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [7939] 38S RIT mod
Message-ID: <352E0D48.E9E9F9A0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone have a RIT mod for the 38 Special other than the one in the assembly manual?

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Fri, 10 Apr 1998 12:21:30 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [7940] MY SW-40+ :)))
Message-ID: <352E713A.9907351B@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It arrived early yesterday, and i spent all day assembling it. All i need to do is solder in the final (i want to put a heat sink on it, and i have one around here somewhere...). I have a rat shack case, and will be doing the work on it this weekend. I will be using a watt meter / dummy load to dump it into. I need a tuner for it, as all i have here is a 80 Meter inverted V...

Date: Fri, 10 Apr 1998 12:14:39 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [7941] Diode Capacitance and Oscillator Predictions
Message-ID: <Pine.LNX.3.96.980410120625.10886B-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Some time shortly, I want to play with tuning a VFO via diodes. I have a set of 1N914 diodes available to me. Does anyone know what kind of capacitance I can get off of a single 1N914 diode? I plan on using them

in a back-to-back configuration, as often seen in publications today.

Also, does anyone have any ideas why a VFO would just stop oscillating if I tune to too low a frequency? My VFO used to tune from 1.4MHz to 3.2MHz when I didn't have the TTL chip on the output of the RF Amplifier. Now, it will tune only from 1.7MHz to 2.7MHz or so. The usable range of variable capacitance is only about 35 degrees or so of shaft movement. If I move outside this "magic" region of capacitance, the oscillator just conks out.

I can see when I reduce capacitance, it increases in frequency, and thus, develops too small a voltage on the output to sustain itself. But when I increase capacitance beyond a certain value, the oscillator also conks out, and I haven't a clue as to why. Any ideas? I'd like to be able to use the full 180-degree motion on the capacitor if possible. :) Otherwise, I'd need a 40-to-1 reduction drive, just have a sane tuning spread! :D

Also, is there any equations or rules of thumb that allow one to predict when an oscillator will and will not oscillate? What's the best way to bias an oscillator? I found my best point by trial-and-error via a potentiometer. It works great, and even allows me to control the distortion/gain ratio. But if I know the causes of what enables or disables a tank from sustaining oscillations, I can probably make better circuits with wider tuning ranges (and certainly one that allows me to use the entire capacitor, and not 30 degrees of it! >:)).

Thanks for the information.

```
=====
KC5TJA/6      |                -| TEAM DOLPHIN |-
DM13          |                Samuel A. Falvo II
QRP-L #1447   |                Chief Architect and Project Founder
```

Date: Fri, 10 Apr 1998 14:28:14 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: <shurst@magiclink.com>, <qrp-l@Lehigh.EDU>
Subject: [7942] Re: Plexi-glass covers ?
Message-ID: <00ea01bd64b6\$cf7022a0\$3801e3d0@labette>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve,

At the risk of sounding cute, have you considered making your own?? I have found that plexiglass is not that hard to work with, and my plexiglass vendors over the years have been very happy to cut pieces to custom sizes for me. A few small pieces and a large "notch" will glue together nicely, and make a great Bencher cover. The plexiglass glue is thin, clear, and applied with a syringe. It seems to slightly dissolve the plastic on both pieces, and then bond them together. I have made lots of custom pieces in this manner.

Good luck,

Fred Ringwald, AB0AE
fred@innocent.com

-----Original Message-----

From: Steve Hurst <shurst@magiclink.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, April 10, 1998 2:16 PM
Subject: Plexi-glass covers ?

>Hello QRP gang,

>

> Does anyone know where I might find a plexi-glass cover for my Bencher
>paddle? Seems to me someone was manufacturing and selling these at one
>time. Thanks in advance for the information !!

>

>P.S. What's the scoop on the new secret NorCal kit / project ?? Anyone
>wanna spill the beans ?? I'm pulling my hair out waiting !!!!!!!!!!! And
>it's killing me !!!!!!!!!!!

>

>73,

>Steve Hurst

>KA7NOC (southern Idaho)

><http://www.magiclink.com/web/shurst>

>shurst@magiclink.com

>

>

Date: Fri, 10 Apr 1998 15:43:30 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-1@Lehigh.EDU

Subject: [7943] Number??
Message-ID: <2ad8b9a6.352e7664@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Bill,N5ALO,
If you called the National RS store,why not post the number?
What good is half a post?
I called 3 RS stores and they don't know the number
Bob
WA2HOQ

Date: Fri, 10 Apr 1998 15:02:50
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [7944] Re: MY SW-40+ :)))
Message-ID: <3.0.1.16.19980410150250.092f67b6@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HI Guys,
I thought we were not going to start building intill sometime after this week and we would it a section at a time with a detailed explanation of each stage. Am I right or did I miss something a while back?? Thanks.

73,
Arnold kd5ckh

At 12:21 PM 4/10/98 -0700, you wrote:
>It arrived early yesterday, and i spent all day assembling it. All i
>need to do is solder in the final (i want to put a heat sink on it, and
>i have one around here somewhere...). I have a rat shack case, and will
>be doing the work on it this weekend. I will be using a watt meter /
>dummy load to dump it into. I need a tuner for it, as all i have here is
>a 80 Meter inverted V...
>
>
>
>

Date: Fri, 10 Apr 1998 13:12:52 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [7945] Re: Plexi-glass covers ?
Message-ID: <352E7D44.4CE8ACC9@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

Steve Hurst was looking for a plexiglass cover for his paddles. Fred Ringwald suggested Steve build his own.

There was an article in the August, 1988 issue of QST magazine that might be of help to Steve should he take Fred's advice. It's called, "Build it Yourself - With Plastic."

As an aside, I am putting together a website and one of the features will be a complete, step-by-step tutorial on how to build your own cabinets and other electronic enclosures using sheet plastic. I hope to have it up and ready for viewing within a couple weeks. I will announce it's arrival here on qrp-1.

=====
Bill Jones - KD7S <><
Sanger, California
=====

Date: Fri, 10 Apr 1998 15:18:23 -0500
From: Mike - W0TMW <crucis@sky.net>
To: msebrakr@telepath.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7946] Re: MY SW-40+ :)))
Message-ID: <352E7E8F.339972BE@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, ya know, some folks just can't wait! :-)

Mike - W0TMW
(still waiting for my 30M version...)

Roger Braker wrote:

>
> HI Guys,
> I thought we were not going to start building intill sometime after this
> week and we would it a section at a time with a detailed explanation of
> each stage. Am I right or did I miss something a while back?? Thanks.
>
> 73,
> Arnold kd5ckh
>
> At 12:21 PM 4/10/98 -0700, you wrote:
> >It arrived early yesterday, and i spent all day assembling it. All i
> >need to do is solder in the final (i want to put a heat sink on it, and
> >i have one around here somewhere...). I have a rat shack case, and will
> >be doing the work on it this weekend. I will be using a watt meter /
> >dummy load to dump it into. I need a tuner for it, as all i have here is
> >a 80 Meter inverted V...
> >
> >
> >
> >

--

```
=====
Mike Watson, W0TMW           QCWA Mbr# 28651, MidContinent Chapter #35
Raymore, Missouri, USA      Grid: EM28st, ARS# 352, QRP-L# 1849
http://www.sky.net/~crucis   E-mail: crucis@sky.net
=====
```

Date: Fri, 10 Apr 1998 16:27:39 -0400
From: Ed <edn4pk@VoyagerOnline.net>
To: QRP <qrp-l@Lehigh.EDU>
Subject: [7947] 38s Deja vue
Message-ID: <352E80BB.3315CCE0@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I wish to thank all of you that sent suggestions on curing BCI in my
"new" 38s. However, I want especially thank Gary AB7MY for all of his
efforts in getting to me all the info I will ever need on the 38s. I

guess this is what is called "The true ham spirit".
Again thanks to all and especially to Gary
Ed N4PK.....72/73 ..

Date: Fri, 10 Apr 1998 16:48:15 -0400 (EDT)
From: Thom <thom@li.net>
To: Steve Hurst <shurst@magiclink.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7948] Re: Plexi-glass covers ?
Message-ID: <Pine.SUN.3.95.980410164617.28260A-100000@linet01>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Guys,

I bought a cover for my Bencher paddle a few years ago from a guy who advertised in 73 magazine (I think). The price was \$11.00 and really looks smart. It fits right over the paddle and has my call engraved into it.

Seems I've seen him advertised recently, but can't tell you where. If you find it, I'd recommend going for it.

Tom
WB2QDG
thom@li.net

On Fri, 10 Apr 1998, Steve Hurst wrote:

> Hello QRP gang,
>
> Does anyone know where I might find a plexi-glass cover for my Bencher
> paddle? Seems to me someone was manufacturing and selling these at one
> time. Thanks in advance for the information !!
>
> P.S. What's the scoop on the new secret NorCal kit / project ?? Anyone
> wanna spill the beans ?? I'm pulling my hair out waiting !!!!!!!!!!! And
> it's killing me !!!!!!!!!!!
>
> 73,
> Steve Hurst
> KA7NOC (southern Idaho)
> <http://www.magiclink.com/web/shurst>
> shurst@magiclink.com
>

>
>

Date: Fri, 10 Apr 1998 16:59:23 -0400
From: "." <hapence@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [7949] HTML E-mail Format Fixed??
Message-ID: <199804102059.QAA29330@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

80410 1657VAT

I think I have fixed the problem - if not please tell me...

Grover KQ4AL

Date: Fri, 10 Apr 1998 14:03:10 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: "." <hapence@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7950] Re: HTML E-mail Format Fixed??
Message-ID: <Pine.LNX.3.96.980410140257.19975A-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 10 Apr 1998, . wrote:

> 80410 1657VAT

>

> I think I have fixed the problem - if not please tell me...

Looks like plain text to me. :)

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | Chief Architect and Project Founder

Date: Fri, 10 Apr 1998 14:24:15 -0700 (PDT)
From: "S. Lee" <slee@u.washington.edu>
To: Bill Howell <bhowell@mail.utexas.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7951] Re: RS Speaker Mic info
Message-ID: <Pine.A41.3.95b.980410141559.297740B-100000@homer37.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Contact Radio Shack's regional office for your area. A local store can provide the phone number. Ask them to check their perpetual data base for #19-310 speaker mic.

Seattle southward there were none available. Seattle northward there were 16 available this morning. One store I called, (206) 706-0541 had 5 but couldn't find them. There's another store at (360) 794-2924 which is also supposed to have some in stock. Good luck!

de AB7HI, Stephen Lee, Federal Way, WA
slee@u.washington.edu

Date: Fri, 10 Apr 1998 17:31:38 -0400
From: "John J. McDonough" <jjmcd@mdn.net>
To: <thom@li.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [7952] Re: Plexi-glass covers ?
Message-ID: <199804102232.5400400@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Thom <thom@li.net>; owner-qrp-1@Lehigh.EDU

>

> I bought a cover for my Bencher paddle a few years ago from a guy who

I guess I don't understand this. If you're there to enjoy how 'sharp' the cover looks, why is the cover on the paddle in the first place? Shouldn't you be fondling it lovingly?

73 de WB8RCR

Date: Fri, 10 Apr 1998 14:37:57 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <jjmcd@mdn.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [7953] Re: Plexi-glass covers ?
Message-ID: <01bd64c8\$ed8b5450\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

'cause the Bencher is a dust magnet.

>I guess I don't understand this. If you're there to enjoy how 'sharp' the
>cover looks, why is the cover on the paddle in the first place?

Date: Fri, 10 Apr 1998 14:58:42 -0700
From: Conrad <radman@best.com>
To: "'jjmcd@mdn.net'" <jjmcd@mdn.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7954] RE: Plexi-glass covers ? (one theory...)
Message-ID: <01BD6491.27A37060@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

John,

A properly made Plex cover has milled slots in the front that allow the =
paddle levers to protrude, allowing normal keying operation.... AND most =
importantly... keeping the 12 pounds of dust off of the keyer. The =
alternative method is the Coleman 5hp gasoline-powered air compressor =
sitting adjacent to the keyer -- just to blow the dust off ! (I don't =
recommend this !) :))

72 - Conrad -- nn6cw

-----Original Message-----

From: John J. McDonough [SMTP:jjmcd@mdn.net]

Sent: Friday, April 10, 1998 2:32 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Plexi-glass covers ?=20

> From: Thom <thom@li.net>; owner-qrp-l@Lehigh.EDU
>=20

> I bought a cover for my Bencher paddle a few years ago from a guy =
who

I guess I don't understand this. If you're there to enjoy how 'sharp' =
the
cover looks, why is the cover on the paddle in the first place? =
Shouldn't
you be fondling it lovingly?

73 de WB8RCR

Date: Fri, 10 Apr 1998 16:57:55 -0500
From: Brent Alexenko <alexenko@prodigy.net>
To: "'QRP-L'" <QRP-L@Lehigh.EDU>
Subject: [7955] Anybody taken ND for QRPTTF yet? - Sierra 10M Bugs
Message-ID: <01BD64A1.EBDEC780@slip166-72-151-9.nd.us.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hi all!

Just started really reading the digest again, and realized that QRPTTF =
was just around the corner. Granted, I don't think I've touched my key =
since school started last fall, but there's no time like the present to =
get back on the horse. I saw the list of states playing and thought I'd =
offer ND, since I saw it in the wanted list. =20

I'd offer to "run for the border", but that would mean sitting in a boat =
or on a bridge somewhere on the Red River between ND and MN. So, I'll =
be content to see what I can do with my Sierra at home. I just put up a =
new "Colonel Klink Special" stealth antenna (a random wire run out the =
window into a tree from the 3rd floor of the apartment building), so I'm =
not sure how it will react. Guess I'll find out! Anyway, if you need =
80, 40 or 20, I'll be in the mix somewhere.

On another note, I just finished putting together the 10M module for the =
Wilderness Sierra. I've put together four other modules with absolutely =
no problem, everything fired up right away. For some reason, this =
module is as dead as a post. Did I read about other people having =
problems with the higher band modules? All the typical problems have =
been checked many times. I don't have a scope, so I'm flying a little =
blind. If anyone can give me some directions, or commentary, I'd =
appreciate it a lot. I've heard a lot about 10M activity and I'd really =
like to see what I can do up there. =20

Anyway, looking forward to working QRPTTF. It'll be my first contest =
(never seem to be in the right place in the right time), and my code has =
dropped off a lot, so this should be interesting.

Brent Alexenko
AB0FR
West Fargo, ND

Date: Fri, 10 Apr 1998 18:10:32 EDT
From: K5BDZ <K5BDZ@aol.com>
To: K5BDZ@aol.com, qrp-1@Lehigh.EDU
Subject: [7956] AT-11 tuner kit questions
Message-ID: <17431497.352e98da@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Am putting finishing touches on LDG Electronics AT-11 automatic antenna tuner
kit, PC board version 2.1, with version 1.7 microprocessor.

QUESTION: Can someone give me the pin-out connections for the 4 (or is it 5)
pin SIL (single-in-line) header connector holes located just above the
microprocessor and to the right of the crystal? Cannot find info in the
manual or QST article and would like to finish kit this weekend (company
closed for Easter I assume).

Thanks for your help
Bill, K5BDZ

Date: Fri, 10 Apr 1998 16:19:22 -0600
From: Phil <k6ls@prolynx.com>
To: shurst@magiclink.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7957] Re: Plexi-glass covers ?
Message-ID: <352E9AEA.B4336A12@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If I recall correctly, I got one through a guy who advertised in either QST or CQ. Was great value for the money, if you ever had to clean a paddle before. They look great, come with your call engraved in the top (from the bottom, so the letters don't get dirty!).

Now, I have 2 paddles and would like to get another cover.
problem is like others, I don't remember who.
I hope someone will share the info on who, where and how much.

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
<http://www.qsl.net/k6ls>
<http://www.prolynx.com/k6ls>
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866
WSWSS #148

End of QRP-L Digest 1056

